FIG15A	
Probes with No Target	SEQ ID NO:19 SEQ ID NO:20
S-ATG-CTC-AAC-TCT TAG-0	
FIG15B	_
Half-Complementary Target	
3	SEQ ID NO:21
5' TAC-GAG-TTG-AGA-GAG- S-ATG-CTC-AAC-TCT TAG-	
1	2
FIG15C	Tm=53.5°C
Complementary Target	SEQ ID NO:22
5' TAC-GAG-TTG-AGA-ATC-C	
S-ATG-CTC-AAC-TCT TAG-G	AC-TTA-CGC-S
	2
FIG15D ONE Base-Pair Mismatch at Pr	robe Head Tm=50.4°C
5	SEQ ID NO:23
5' TAC-GAG-TTG-AGA-ATC-C	
S-ATG-CTC-AAC-TCT TAG-G	AC-TTA-CGC-S
FIG15E	Tm=46.2°C
ONE Base-Pair Mismatch at Pr	
6	SEQ ID NO:24
5' TAC-GAG-TTG-AGA-CTC-C	
S-AIG-CIC-AAC-ICI IAG-G	2
FIG15F	
ONE Base Deletion	Tm=51.6°C
5' TAC-GAG-TTG-AGA-ATC-0	SEQ ID NO:25
S-ATG-CTC-AAC-TCT TAG-C	
<u>1</u>	<u>2</u>
	2
FIG15G	
FIG15G ONE Base-Pair Insertion	Tm=50.2°C
ONE Base-Pair Insertion 8	Tm=50.2°C SEQ ID NO:26
ONE Base-Pair Insertion <u>8</u> 5' TAC-GAG-TTG-AGA-CAT-0	Tm=50.2°C SEQ ID NO:26

FIG. 16A 24 Base Template

5' TAC-GAG-TTG-AGA-ATC-CTG-AAT-GCG 3'

S-ATG-CTC-AAC-TCT TAG-GAC-TTA-CGC-S \tag{1}

48 Base Template with Complementary 24 Base Filler FIG. 16B

72 Base Template with Complementary 48 Base Filler FIG. 16C

5' TAC-GAG-TTG-AGA-CCG-TTA-AGA-CGA-GGC-AAT-CAT-GCA-TAT-ATT-GGA-CGC-TTT-ACG-GAC-AAC-ATC-CTG-AAT-GCG 3'

